

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	72	382/211.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 14:59
L2	58	382/211.ccls. and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:02
L3	20	382/211.ccls. and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:04
L4	739	382/312.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:04
L5	83	382/312.ccls. and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:04
L6	12	382/312.ccls. and (pattern with (memory or stor\$4)) and shutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:05
L7	2	382/313.ccls. and (pattern with (memory or stor\$4)) and shutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:07
L8	39	348/740.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:07

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L9	39	348/740.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:08
L10	297	359/259.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:09
L11	14	359/259.ccls. and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:12
L12	393	396/452.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:13
L13	2	396/452.ccls. and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:13
L14	90	396/457.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:14
L15	2	396/457.ccls. and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:14
S1	1	("5822117").PN.	USPAT; EPO	OR	OFF	2006/04/07 09:47
S2	103760	pattern with (exposure or shutter or lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:48

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S3	13691	pattern with (exposure or shutter or lens) and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:48
S4	5328	pattern with (exposure or shutter or lens)with (picture or image) and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:49
S5	1594	pattern with (exposure or shutter or lens)with (picture or image) and camera and shutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:49
S6	21	pattern with (exposure or shutter or lens)with (picture or image) and camera and (shutter with address\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:56
S7	18	pattern with (exposure or shutter )with (picture or image) and camera and (shutter with address\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:56
S8	32	pattern with (exposure or shutter )with (picture or image) and (shutter with address\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:59
S9	356	pattern with (exposure or shutter or modulator)with (picture or image) and ((shutter or modulator) with address\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:00
S10	198	pattern with (exposure or shutter or modulator)with (picture or image) and ((shutter or modulator) with address\$4)and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:01

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S11	87	pattern with (exposure or shutter or modulator)with (picture or image) and ((shutter or modulator) with address\$4)and camera and (pattern with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:08
S12	161	pattern with (exposure or shutter or modulator)with (picture or image) and ((shutter or modulator) with address\$4)and camera and (pattern with memory or stor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:09
S13	101	pattern with (exposure or shutter or modulator)with (picture or image) and ((shutter or modulator) with address\$4)and camera and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:45
S14	134	pattern with (exposure or shutter or modulator) and ((shutter or modulator) with address\$4)and camera and (pattern with (memory or stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:46


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## » Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

## Modify Search

((((modulator or shutter or exposure)&lt;near&gt; pattern&lt;in&gt;metadata))&lt;and&gt;(camera\*&lt;in&gt;))

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[Instrumentation and Measurement, IEEE Transactions on](#)  
 Volume 44, Issue 3, June 1995 Page(s):755 - 758  
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- ☐ 2. **Real-time displacement measurement using a pattern correlation system an ultra-high-speed shutter camera and parallel aligned nematic liquid crystal modulators (PAL-SLMs)**  
 Toyoda, H.; Kobayashi, Y.; Mukohzaka, N.; Yoshida, N.; Hara, T.; Ohno, T.;  
[Instrumentation and Measurement Technology Conference, 1994. IMTC/94. C. Proceedings. 10th Anniversary. Advanced Technologies in I & M., 1994 IEEE](#)  
 10-12 May 1994 Page(s):1345 - 1348 vol.3  
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 Bosiers, J.T.; Roks, E.; Peek, H.L.; Kleimann, A.C.; Van der Sijde, A.G.;  
[Electron Devices, IEEE Transactions on](#)  
 Volume 42, Issue 8, Aug 1995 Page(s):1449 - 1460  
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 Levenson, M.D.; Goodman, D.S.; Lindsey, S.; Bayer, P.W.; Santini, H.A.E.;  
[Electron Devices, IEEE Transactions on](#)  
 Volume 31, Issue 6, Jun 1984 Page(s):753 - 763  
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- ☐ 5. **Digital image restoration by exposure-splitting and registration**  
 Zile Wei; Yu Cao; Newton, A.R.;  
[Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International C](#)